



# **PFAS Federal Information Exchange Workshop**

February 5-6, 2018  
Natcher Center, Bethesda MD



## Tier 1 Tox & Kinetic Testing Discussion

- Interest and discussion regarding which PFAS EPA and NTP will utilize for Tier I and Tier II testing
- What type of data/information will be generated from Tier I testing and subsequent utility
- Data generation for prioritizing PFAS with greatest potential risk
- Utilizing on non-public tox, kinetic, and exposure information
- Consistency and comparability across data sources with respect to PFAS
  - Availability of information regarding PFAS screening library



## Knowledge Gaps & Needs

- Centralized source of PFAS standards
  - Define the chemical landscape for consistency
- Research on mixtures that include PFAS
  - < Additive, additive, or > additive response
- Define relevant human health end-points or adverse outcomes
- Explore and define relevant ecological end-points or adverse outcomes
- Epidemiological studies to assess associations between exposures and defined human health endpoints



## Knowledge Gaps & Needs

- Analytical methods for non-DW media (consistency in approach)
- Relative source contributions and exposure pathway-specific contributions
  - Scenario driven and including both human and ecological receptors
- Exposure route-specific MOA
- Identification of precursor and transformation product relationships
- Visual research activity resource, “Who is doing what, where”



## Knowledge Gaps & Needs

- Centralized, cross-Federal government database available to states and communities
  - Study results
  - MS Library
  - Precursor and transformation products
- Improved risk communication
  - Consistent, easy to understand
  - Translation to understanding
- PFAS issue represents an opportunity for the use of new alternative methods to assess exposure and hazard and conduct risk assessments
- Point of use remediation methods
- Cheaper/faster methods to support remediation monitoring